

Solid State Lasers for Application (SSLA) to Inertial Confinement Fusion (ICF)

Third Annual International Conference

**June 7-12, 1998
Monterey Conference Center
Monterey, California**

**Sponsors:
Lawrence Livermore National Laboratory
Commissariat a l'Energie Atomique**

Conference Topics

- **Solid-state laser technology for megajoule ICF systems**
- **ICF laser science (e.g., nonlinear optical processes, frequency conversion, etc.)**
- **Precision control of laser output**
- **Advanced ICF laser technology**
- **Coherence control**
- **New material and fabrication techniques**

Conference Chair

H. Lowdermilk, Lawrence Livermore National Laboratory - USA
(510) 422-5498

Program Chairs

L. Andre, Commissariat a l'Energie Atomique - France
(1) 69.26.52.53

A. Paisner, Lawrence Livermore National Laboratory - USA
(510) 422-6211

**Registration due by January 20, 1998. Forward
registration and inquiries to:**

Sherene Goulart

**Lawrence Livermore National Laboratory
7000 East Avenue, Mail code L-490
Livermore, California 94550**

**Phone: (510) 422-5969
e-mail: ssla98@llnl.gov**

Fax: (510) 423-1076

Visit our website at: <http://lasers.llnl.gov/lasers/news/ssl.html>

Solid State Lasers for Application (SSLA) to Inertial Confinement Fusion (ICF) Third Annual International Conference

June 7-12, 1998
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Conference Registration

Registration fees are \$350 per person. Advance registration payment is preferred to ensure space availability and should be received no later than January 20, 1998. Individuals attending the LLNL tour must turn in personal information by March 1, 1998. Registration fees are refundable prior to January 20, 1998 and cancellations are subject to a \$75 administrative processing fee. Cancellations received after this date are non-refundable.

Checks payable to: Regents-University of California
No credit cards will be accepted.

Registration fee includes admittance to SSLA '98, coffee and refreshments during morning and afternoon breaks, Welcome Reception on June 7, Banquet on June 10, and tour of LLNL's research facilities on June 12. Accompanying

guests are welcome to attend the Conference Banquet for an additional cost of \$45 per person, and must register at the Conference Desk by Tuesday, June 9 at 5:00 p.m. A copy of the SPIE conference proceedings is available for an additional cost of \$60 per copy.

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Name (Last, First, M.I.) _____ Affiliation _____

Mailing address _____

Country _____

Phone _____ Fax _____ E-mail _____

Please check ☐ The Welcome Reception, Sunday, June 7. Registration \$350 × _____ = _____
items that you ☐ The Banquet, Wednesday, June 10. Banquet guests \$45 × _____ = _____
plan to attend ☐ The tour of LLNL, Friday, June 12. SPIE proceedings \$60 × _____ = _____ Total = _____

Complete the following only if you plan to attend the tour at Lawrence Livermore National Laboratory on Friday, June 12. All information must be provided in order to attend.

Current residence address _____

Date of birth (Mo, Day, Yr) _____ Place of birth (City, Country) _____

Social Security no. _____ Citizenship (Country) _____

Section below for non-U.S. citizens only

Passport number _____ Expiration date _____ ☐ Male ☐ Female

Immigrant alien? ☐ Y ☐ N Type of Visa _____ Expiration date _____

Interpreter needed? ☐ Y ☐ N Title, Position, or Occupation _____

Type of business _____ Field of research _____

Name and address of current employer (if different from above)

Name _____ Street _____

City _____ State/Province _____

Zip code _____ Division _____ Country _____

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W. H. Lowdermilk

Lawrence Livermore National Laboratory – USA
(510) 422-5498

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M. L. Andre

Commissariat a l'Energie Atomique – France
33.1.69.26.52.53

J. A. Paisner

Lawrence Livermore National Laboratory – USA
(510) 422-6211

Conference Secretary

S. Goulart (Lawrence Livermore National Laboratory – USA)
(510) 422-5969, e-mail: ssla98@llnl.gov

International Technical Committee

T. Bett (Atomic Weapons Establishment – UK)

J. D. Boyes (Sandia National Laboratory – USA)

M. Decroisette (Commissariat a l'Energie Atomique – France)

A. Caruso (ENEA – Italy)

X. Deng (SIOM – China)

C. B. Edwards (Rutherford Appleton Laboratory – UK)

A. Migus (Ecole Polytechnique – France)

H. Peng (Southwest Inst. of Nuclear Chemistry and Physics – China)

M. Pergament (TRINITI – Russia)

H. T. Powell (Lawrence Livermore National Laboratory – USA)

M. Skeldon (University of Rochester – USA)

M. Sorem (Los Alamos National Laboratory – USA)

S. A. Sukharev (VNIIEF – Russia)

D. P. Umstadter (University of Michigan – USA)

V. E. Yashin (Institute of Laser Physics – Russia)

Purpose

This conference provides a forum for discussions on solid-state laser technology being developed world-wide for inertial confinement fusion experiments and applications.

Submission of Abstracts

Conditions of Acceptance

- Before submitting abstracts, secure travel and accommodation funding, independent of LLNL/CEA-DAM, through your sponsoring organizations.
- Submit only original material.
- Government and company clearance to present and publish should be final at the time of submittal.
- Presentations may be placed in oral or poster session at discretion of the Chairman.
- Abstracts must be submitted by February 1, 1998.
- Applicants will be notified of acceptance by April 15, 1998.

Contents of Abstracts

- Abstract title
- Authors' full names and affiliations as they should appear in the program
- Mailing address, telephone, fax and email address for corresponding author
- Specify preferred presentation - oral or poster
- Abstract Text - 500 words or less on white paper

Proceedings of the Meeting

Proceedings will be published by SPIE. Photo-ready manuscripts are expected of all accepted papers. One original and three copies must be submitted in English by June 1, 1998. The format for manuscripts and copyright release form will be sent to authors at a later date.

Paper Review

To assure quality of the Proceedings, papers will be reviewed by the Conference and Program Chairs for technical merit and content. Commercial papers, descriptions of papers without research content, supporting data or technical

description withheld for proprietary reasons will not be accepted for publication in the Proceedings.

Poster Presentation

An evening interactive poster session will be scheduled. Display boards will be provided.

Oral Presentation

Contributed papers will be allowed 15 minutes plus a 5 minute discussion period. Invited papers will be allowed 25 plus 5 minutes for presentation. The following media equipment will be provided free of charge: 35-mm carousel slide projectors, overhead projectors, and electric pointers.

Please mail one original and three copies of your Abstract by February 1, 1998 to:

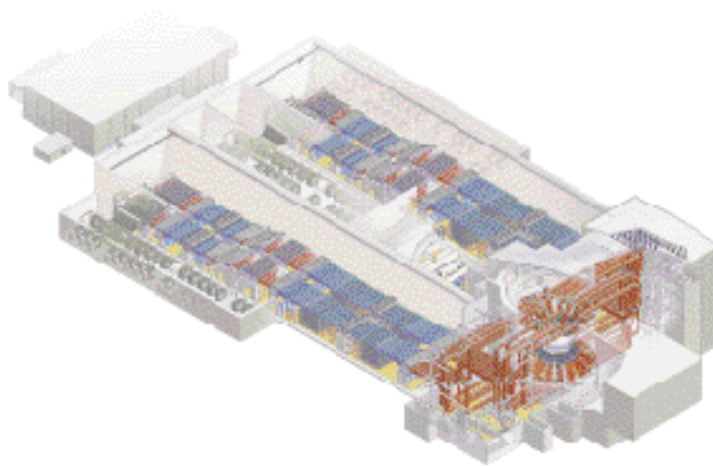
US, China, or Japan:

Lawrence Livermore National Laboratory
7000 East Ave., Mail Code L-490
Livermore, CA 94550

Attention: Sherene Goulart, Conference Secretary
Tel. 510-422-5969; Fax 510-423-6506
email: ssla98@llnl.gov

Europe

Commissariat a l'Energie Atomique
Direction des Recherches en Ile-de-France
DP21/MOP-LMJ
BP No. 12
91680 Bruyeres-le-Chatel, France
Attention: Evelyne Biessy
Fax: 33.1.69.26.70.75



Schedule of Events

June 7, 1998 Monterey Marriot Hotel

1:00 pm – 7:00 pm Registration
6:00 pm – 9:00 pm Welcome Reception

June 8, 1998 Monterey Conference Center

8:00 am – 5:00 pm Technical Sessions
6:00 pm – 8:00 pm Poster Session

June 9, 1998 Monterey Conference Center

8:00 am – 5:00 pm Technical Sessions

June 10, 1998 Monterey Conference Center

8:00 am – 5:00 pm Technical Sessions
6:00 pm – 10:00 pm Dinner with Guest Speaker

June 11, 1998 Monterey Conference Center

8:00 am – 5:00 pm Technical Sessions

June 12, 1998 LLNL, Livermore, California

8:00 am Tour Lawrence Livermore National Laboratory

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Transportation and Accommodations

Connecting flights to Monterey are available through San Francisco or Los Angeles. Otherwise, rental cars from San Jose (nearer) or San Francisco airports require approximately a two-hour drive.

Hotel reservations for this event are the responsibility of individual participants and should be made directly with the Monterey Marriott Hotel's Reservation Department. Reservations must be received on or before Thursday, May 7, 1998 to receive the following rates. It is required to reference the SSLA '98 Conference.

Single Occupancy: \$139.00

Double Occupancy: \$139.00

Additional Person: \$ 15.00

Hotel room rates are subject to applicable state and local taxes (currently 10%) in effect at the time of check-in.

The Monterey Marriott Hotel
350 Calle Principal at Del Monte Boulevard
Monterey, California 93940
Telephone: (408) 649-4234
Fax: (408) 376-4313



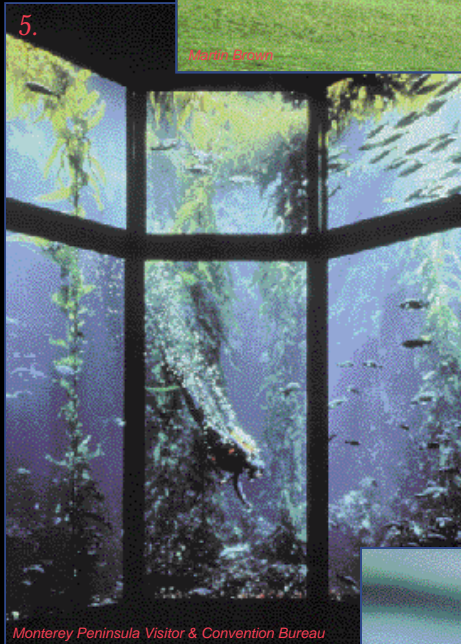
1.

Martin Brown



2.

Martin Brown



5.

Monterey Peninsula Visitor & Convention Bureau



4.

Martin Brown



3.

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1. Pebble Beach Golf Course
2. Carmel
3. Asilomar Beach
4. Wildlife Habitats
5. Monterey Bay Aquarium